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(12) **United States Patent**
Garcia

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(54) **SYSTEMS AND METHODS FOR HANDLING COMPONENTS**

(56) **References Cited**

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(57) **ABSTRACT**

Related U.S. Application Data

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A component handler (100) may include: a test plate (102) including multiple circular component-seating tracks (104) each including multiple component-seating sites (500) configured to retain an electrical component (510) such that its face (522) faces away from the test plate (102); a component receiving system (114, 106, 300, 302, 306, 308, 310, 400, 402, 502, and/or 508) positioned along a rotation path of the seating tracks (104); a component test module assembly (1502) for electrically contacting each electrical component (510) seated in a component-seating site (500); one or more collection bins (124); and a collection assembly (120) for collecting some of the electrical components (510) from component-seating sites (500) and directing the electrical components (510) into the bins (124) based on one or more tests conducted at the component test module assembly (1502).

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CPC **B07C 5/344** (2013.01)

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G01R 31/2887; G01R 31/2891;
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